

Listing of Claims:

1. (currently amended) A method for delivering objects to one or more receiver units, comprising:

receiving a number of incoming objects, each object corresponding to one or more classes;

maintaining objects from a variety of classes in an object schedule, wherein each object has a utility factor, and the value of the utility factor is dependent, at least to some degree, on the position of the object in the object schedule; and

delivering selected objects from the object schedule to the one or more receiver units based on the position of the object in the object schedule,

wherein each class has a utility factor that is calculated by combining, via a sub-linear function, the utility factors of those scheduled objects that correspond to the class, and wherein the sub-linear function includes a square-root function.

2. (original) A method according to claim 1, wherein objects from a variety of classes are maintained by determining which of the incoming objects are to be added to the object schedule and which of the cached objects in the object schedule are be evicted, such that objects from a variety of classes are maintained in the object schedule.

3-5. (canceled)